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(54) DIRECTIONAL SPEAKER EQUIPMENT

(57)Abstract:

PURPOSE: To obtain a sharp directivity with less number of side lobes over a wide frequency band with a few speaker units by providing the speaker unit groups and filters corresponding to the group concentrically.

CONSTITUTION: One speaker unit 1, 6-sets of speaker unit groups 2, 12-sets of speaker unit groups 3 and 12-sets of speaker unit groups 4 are arranged on a plane concentrically respectively. Furthermore, different BPFs 5-8 are connected respectively to each speaker unit, and the pass band of the BPFs is set lower as the speaker unit group is located outward from the center. Thus, a sharp directivity is obtained over a wide frequency band.

